

552,941

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



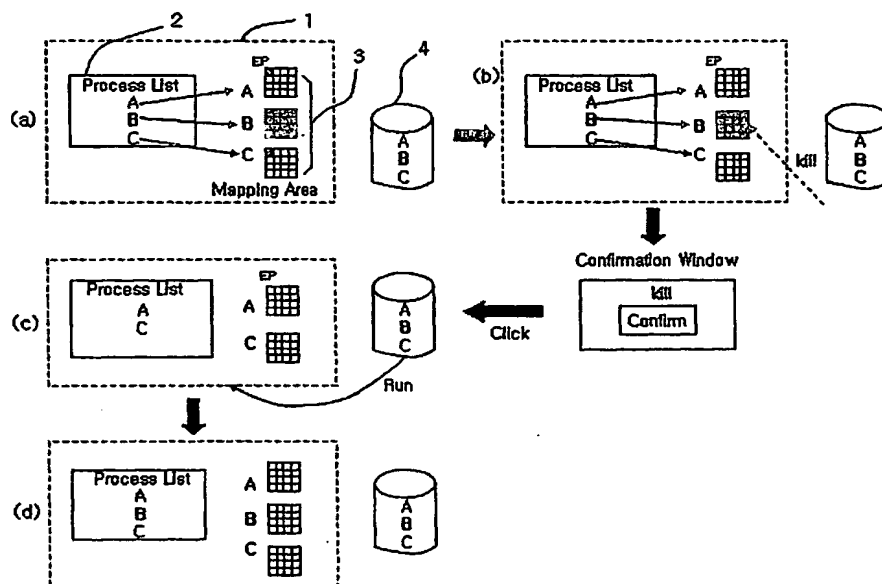
(43) International Publication Date
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number
WO 2004/090733 A1

- (51) International Patent Classification⁷: **G06F 12/16**
- (21) International Application Number: **PCT/KR2003/000992**
- (22) International Filing Date: **20 May 2003 (20.05.2003)**
- (25) Filing Language: **Korean**
- (26) Publication Language: **English**
- (30) Priority Data:
10-2003-0023481 14 April 2003 (14.04.2003) **KR**
- (71) Applicant (for all designated States except US): **HAURI, INC. [KR/KR]**; Yuhan Yanghang Bldg. 8th Fl., 49-6, Daebang-dong, Dongjak-gu, 156-754 Seoul (KR).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **KWON, Seok-Chul [KR/KR]**; 102-1501, Hyundai Apt., 502 Daebang-dong, Dongjak-gu, 156-020 Seoul (KR). **CHOI, Won-Hyok [KR/KR]**; 401 Plex Vill, 715-143 Bongcheon 1-dong, Kwanak-gu, 151-831 Seoul (KR).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR REMOVING VIRUSES INFECTING MEMORY, COMPUTER-READABLE STORAGE MEDIUM RECORDED WITH VIRUS-REMOVING PROGRAM, AND VIRUS-REMOVING APPARATUS



(57) Abstract: Disclosed is a method for removing computer viruses including the steps of, if a function to be used to search information about areas infectable by viruses has been changed, restoring the function to be in a normal state thereof, and carrying out a procedure for scanning of infection and a disinfection procedure for processes residing in a memory and associated files scanned using a normal function. In accordance with this method, it is possible too completely and accurately scan information about areas infectable by viruses, in particular, all processes residing in the memory, and to completely remove viruses infecting the memory.

WO 2004/090733 A1